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Docket No.: 071971-0251

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Makoto KITABATAKE, et al. : Confirmation Number: Not yet assigned  
Application No.: Not yet assigned : Group Art Unit: Not yet assigned  
Filed: May 27, 2005 : Examiner: Not yet assigned  
For: SEMICONDUCTOR APPARATUS

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents and Trademarks  
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

A copy of the foreign search report is attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of the above identified application and readily available to the Examiner. Therefore it is believed that Applicants have met all requirements regarding duty of disclosure under 37

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CFR 1.56. Acknowledgement and consideration of these documents are respectfully requested.

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Please note this is a PCT application in the entry of the National Phase in the U.S. Since the Search Report was from the U.S., JPO or EPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above identified application and readily available to the Examiner.

Respectfully submitted,

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SHEET 1 OF 1

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (PTO-1449)				ATTY. DOCKET NO. <b>071971-0251</b>	SERIAL NO. <b>Not yet assigned</b>	
				APPLICANT <b>Makoto KITABATAKE, et al.</b>		
				FILING DATE <b>May 27, 2005</b>	GROUP <b>Not yet assigned</b>	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sub>2</sub> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US 2002/0179945	12-05-2002	Sakamoto et al.	Corresponds to JP 2002-368121	
		US 2003/0132530	07-17-2003	Teshima et al.	Corresponds to JP 2001-156225	
		US 2004/0089934	05-13-2004	Shimoida et al.	Corresponds to JP 2004-140068	
		US				
		US				
		US				
		US				
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Code <sub>3</sub> -Number &-Kind Codes ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation
		JP 5-121603	05-18-1993	MITSUBISHI ELECTRIC CORP		Yes No
		JP 2002-368121	12-20-2002	HITACHI LTD	Corresponds to US 2002/0179945	
		JP 2002-33445	01-31-2002	MITSUBISHI ELECTRIC CORP		
		JP 2003-17658	01-17-2003	TOSHIBA CORP		
		JP 2001-156225	06-08-2001	DENSO CORP	Corresponds to US 2003/0132530	
		JP 2004-214368	07-29-2004	MATSUSHITA ELECTRIC INDUSTRIAL CO LTD		
		JP 2004-140068	05-13-2004	NISSAN MOTOR CO LTD	Corresponds to US 2004/0089934	
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		Koji IMAI, "Power Electronics Handbook (R & D Planning)," edited by Koji IMAI (p. 602) (discussed in Background portion of the specification)				
<b>EXAMINER</b>			<b>DATE CONSIDERED</b>			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.